



# Clipless rainfast trial

**Clipless**, a plant growth regulator, works by blocking the production of gibberellic acid within the plant leaf, stopping cell elongation and upward growth. In this way, energy is diverted away from vertical growth towards lateral growth and root development, providing a closer, denser sward. The resultant turf requires less mowing, with potential savings of manpower and cutting machinery costs. **Clipless** is a useful tool to help reduce mowing frequency in difficult and dangerous areas such as steep banks.



**Clipless** can be used on all turf areas and applications can commence at any stage of the growing season. **Clipless** contains 120g/L of the active ingredient trinexapac-ethyl and is sold in a 5L pack.

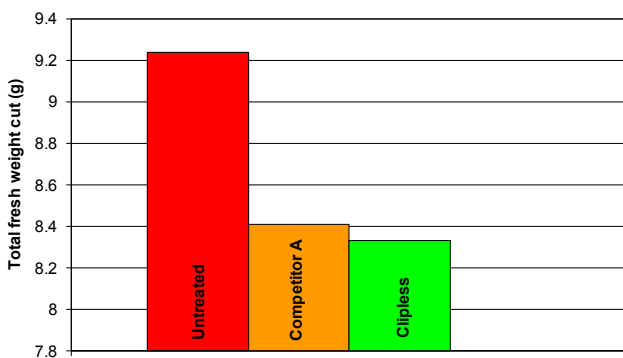
## The rainfast trial

**Purpose** — to demonstrate the rainfastness of **Clipless** in comparison to Competitor A, when applied to a lolium/fescue sward maintained at 12-16mm in height.

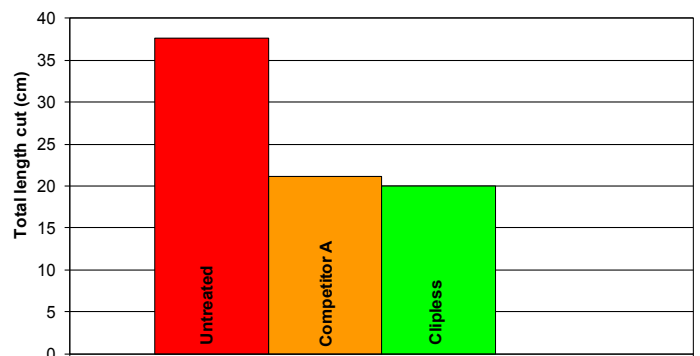
**Details** — a multi-replicated trial was set up with the following parameters:

- **Clipless** versus Competitor A, both at an application rate of 1.6l/ha
- Simulated 10mm of rainfall 4 hours after application
- Clipping yield and height were measured 7, 21, 35 and 49 days after application

**Total fresh weight cut (g) - 49 days after application**



**Total length cut (cm) - 49 days after application**



The results show that **Clipless** reduced sward growth, even following simulated rain four hours after application, demonstrating it is rainfast. There was no significant difference in growth reduction between **Clipless** and Competitor A, measured as total fresh weight cut (g) or total length cut (cm).

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